

ABSTRACT OF THE DISCLOSURE

A compressor includes a cylinder block, a chamber housing, a drive shaft, a piston, and a cam mechanism. The cylinder block has a plurality of cylinder bores and a muffler chamber. The muffler chamber is formed within the cylinder block in a space between the cylinder bores. The chamber housing is secured to one end of the cylinder block and has at least a pair of a suction chamber and a discharge chamber located near each of the cylinder bores. The discharge chamber communicates with the muffler chamber. The drive shaft is rotatably supported in the cylinder block. The piston is disposed in each of the cylinder bores for compressing gas to generate compressed gas. The cam mechanism converts rotation of the drive shaft to reciprocating movement of the piston. In the present invention, pressure pulsations are suppressed without increasing the compressor in size even when the high-pressure refrigerant such as carbon dioxide is applied.

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